

Notice of Allowability

Application No.

10/058,710

Examiner

Leo Boutsikaris

Applicant(s)

HOLZBACH ET AL.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 6/3/05.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☒ The drawings filed on 28 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 3/12/02
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Claims 1-11 are allowed.

Claims 1-11 are allowable over the prior art of record for at least the reason that even though the prior art discloses a method of rendering data for producing a full parallax autostereoscopic display of a scene comprising the steps of simulating two camera frustra on opposing sides of an image plane and placing the near clipping planes of both cameras close to the image plane, the prior art fails to teach or reasonably suggest, regarding claims 1-9, a computer-implemented method of rendering data for producing a full parallax autostereoscopic display of a digital scene comprising the steps of, for each image element at the image plane, determining a distance between the eyepoint and the near clipping plane of the two camera frustra that would avoid near clipping of the scene, thereby determining a set of near clipping plane distances, and positioning the camera frustra along a z axis in accordance with one or more of said near clipping plane distances, regarding claim 10, a full parallax autostereoscopic print of a digital scene, whose image data is rendered according to the steps of, for each image element at the image plane, determining a distance between the eyepoint and the near clipping plane of the two camera frustra that would avoid near clipping of the scene, thereby determining a set of near clipping plane distances, and positioning the camera frustra along a z axis in accordance with one or more of said near clipping plane distances, and regarding claim 11, a computer-readable medium whose contents cause a computer system to render image data for a full parallax autostereoscopic display, by performing the steps of, for each image element at the image plane, determining a distance between the eyepoint and the near clipping plane of the two camera

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frustra that would avoid near clipping of the scene, thereby determining a set of near clipping plane distances, and positioning the camera frustra along a z axis in accordance with one or more of said near clipping plane distances, as set forth by the claimed combination.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dr. Leo Boutsikaris whose telephone number is 571-272-2308.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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LEONIDAS BOUTSIKARIS
PRIMARY EXAMINER